

**COUNTER ROTATIONAL LAYERING OF ePTFE
TO IMPROVE MECHANICAL PROPERTIES OF A PROSTHESIS**

ABSTRACT OF THE DISCLOSURE:

[0029] A prosthesis, and method for forming same, are provided which includes expanded polytetrafluoroethylene (ePTFE) tubes having angularly offset node and fibril configurations. Also, the node and fibril configurations are angularly offset from the longitudinal axes of the respective tubes, providing resistance against failure in the longitudinal direction.